

---

# The DX Bulletin

---

• America's Oldest Weekly Amateur Radio Publication •

Issue 398 - July 31, 1987

## DXpedition News

**Greenland** - OX Two French amateurs will operate /OX for three weeks, starting August 3rd. Christian Scharre F6CBH and Laurent Bacq F6IHH will be on 40-10 meters from Scoresbysund, on the East coast of the island (NA-18). Watch 7005, 14055, 21055, and 28055 kHz on CW and 7065, 14165, 21165, and 28565 on SSB. QSL to FF80U, Radio Club d'Albert, Chateau de Becourt, 80300, Albert, France, with 2 IRCs.

**Liechtenstein** - HB0 Some YU3s will operate HB0/YT3AM August 14-22 from the top of a 2000 m high mountain, all bands 160-10 meters, and VHF, too. QSL via YU3HAM. Sunrise 0424Z, sunset 1830Z.

**Juan de Nova** - FR/J FR5ES says he should be on from Juan de Nova (AF-12) by now, for about one month. He was scheduled to leave Reunion on July 25, and fire up a few days later. Alternate plans suggest a Europa Island FR/E (AF-09) operation, which counts as the same country for DXCC.

**Western Sahara** - S0 The planned S0RASD trip may be unravelling. F6EXV says he is not going, and many of the Spanish operators were not able to get visas for their travel through Algeria. Daldur DJ6SI wrote Japan DX News that he would be on as S0CW with DK9KX operating as S0DX July 22-27, but we have no reports yet.

## Future Flashes and Rumors

Many major DXpeditions are in the planning stages for 1988. Remember that only a small fraction of "planned" DXpeditions actually occur, but you might want to keep some of these in mind for next year:

**Bouvet** - 3Y A well-known and capable Scandinavian operator is making a serious attempt to active this toughie early in 1988. Stay tuned for details.

**Marion Island** ZS8 ZS6ME says that ZS6BBY and ZS6RM are working toward an August 1988 trip to this one, with ZS6ME providing some CW operation.

**South Sandwich, South Georgia The Uruguay DX Group** that put on CX0XY from South Shetlands last year will try for these two Antarctic islands in early 1988. They'll looking for financial support from the DX foundations.

## Shortly Noted

• TR0CW was Jackie F2CW, ex-F6GXB. See QSL address in Issue 397.

• WA4ZEL/JW was a YL operator on a weekend DXpedition. QSL via her OM WD4ARY.

• Ed C21XX hangs out on 1827 and 3540 CW, 3799 SSB, 7001 listening 7025 and up CW, and 7160 SSB. He'll be there a couple of years. QSL to Ed DeYoung, Box 17, Nauru.

• HB9RG and LX1BI are often on 7084 at 0130Z, working split into the US. QSL Callbook addresses.

• V3DZ likes 7162 kHz at 0700Z; QSL Ben Burn, P O Box 99, Belize City, Belize.

## More Golden Jubilee DXCC Times 2

Several more DXers have reported working more than 200 DXCC countries in 1987. Charlie W1LQQ says he's worked 222, "and missed a lot also." Dave WC4B is at 206, with only a vertical and dipoles. He worked the first 100 barefoot, "but I turned on the linear to work 3Y1EE and have left it on since." And Dale W0IZ has snagged 243 countries so far this year! Who needs sunspots! Any other 200+ DXers in 1987? Let The DX Bulletin know.

## Peter I Island QSLs

LA1EE reports that 80% of the 15,000 QSLs received have been answered. Those DXers sending more than one card per envelope are the last to get response. "An incredible number of cards have the UTC time wrong by one or more hours or by one day," but all "not in log" cards are double-checked. Many "not-in-log" cards appear to be QSOs with pirates, as neither 3Y1EE nor 3Y2GV were on that band at that time. Those DXers without insurance contacts may be in big trouble.

— Chod Harris VP2ML Editor



# PROPAGATION

## Forecast and Historical Data

Day Forecast		27 Days Before				55 Days Before			
		Date	Flux	A	K	Date	Flux	A	K
July									
31	High Nor	7/4	71	09/14	2	6/6	74	20/40	3
August									
1	High Nor	7/5	71	05/10	2	6/7	74	07/11	3
2	High Nor	7/6	71	06/11	1	6/8	75	05/09	3
3	Low Normal	7/7	72	04/09	2	6/9	75	05/07	0
4	High/Low	7/8	74	11/11	2	6/10	76	05/10	2
5	Low Normal	7/9	74	13/11	2	6/11	78	12/13	3
6	Low Normal	7/10	74	10/12	2	6/12	80	12/17	3
7	High Nor	7/11	73	08/09	2	6/13	80	10/13	2
8	Low Normal	7/12	73	11/11	2	6/14	78	07/11	1
9	High Nor	7/13	73	05/10	1	6/15	78	06/02	1
10	High Nor	7/14	74	05/10	0	6/16	79	06/14	2
Thanks N4XX		and KH6BZF							

## Propagation Watch

The solar flux soared up past 100 in the latter part of July, after some rather flat band conditions mid-month. Long-haul signals on 20 were very loud, and relatively quiet geomagnetic activity (absorption) kept the lower bands popping, especially 40 meters.

The jump in solar flux was not anticipated on the basis of previous solar revolutions; these are new sunspots. We can expect more of this type of unforeseen solar activity in the coming months, as sunspot cycle 22 climbs upward. Just because the propagation forecast is for average conditions or worse, don't be surprised if a new sunspot region adds DXcitement to the bands. Listen, tune, and try CQs in likely directions before writing off the bands for bad propagation.

Even a small bump in solar flux keeps the bands hopping. The West coast enjoys an almost daily opening into Europe (a high latitude path) around 06-0800Z, as well as a good long-path opening into southern Africa a little earlier.

And the E-skip season is going great guns. On July 21, there was an excellent multi-hop E-skip opening between New England and Western Europe, with many Gs DLs Fs and Is logged on 10 meters. 6 meters opening at the same time, as W1JR's report in Bandpass reflects. Keep an eye on 10 meters to indicate when 6 might open. VHFers should remember the Perseids meteor shower in the first weeks on August, peaking on the 12th.

## DXCC Restructuring Report

Rush Drake W7RM, ARRL Board of Directors liaison to the DX Advisory Committee, reported on DXCC restructuring progress at the Northwest DX Convention in Beaverton, Oregon. Rush said that he had reviewed more than 5" of correspondence on the question, most supporting little or no change in DXCC. "There will not be any significant change to the DXCC program," he said. The report of the DXAC is on schedule, and will be presented to the ARRL Board at its January, 1988 meeting. "Don't look for any major changes," Rush continued.

Rush did say that the relationship between the DXAC and the Headquarters Awards Committee will be revised, under the auspices of the Board's Membership Services Committee. Rather than the present set-up where the Awards Committee has "veto power" over the DXAC recommendations (as in the Pribolofs), the Awards Committee will refer any disagreements back to the DXAC for review. If the two groups cannot reach agreement, the matter will be presented to the Board of Directors for their determination.

Thanks for the update, Rush.

# QSL INFORMATION

## QSL News

Mike K9AJ reports that 6,000 XF4DX cards went into the mail July 22, and he is now current on all SASE cards requests, except for the "not in log" cards, which will get a second check before being returned. Bureau cards will follow later.

Jerry WA6POZ reports that JY9RL is back in the states, after making 5,000 QSOs in the past three years. WA6POZ has all the logs, and will continue to handle the cards. Bureau cards okay.

Dan KE4I reports that he made 10,000 QSOs as SV0DI, and can QSL via his Callbook address, or via WA4DAN.

Lew W6EYB says he has 300 cards for A6XYB QSOs from 1983-5. He needs an SASE to answer them.

## QSL Information

- QSL 6Y5IC via Callbook address only, not via KC3A.
- QSL YB0DPO via YC0DPO, 1986, 87 Callbooks.
- QSL DL7FT/SV/A via DL7FT, 1000 Berlin 19, Fed. Rep. of Germany.
- QSL WA4ZEL/JW via OM WD4ARY.
- VE3JDO handles cards for YN1FI and YN1QG for the 1984 operation, and VE2LJ in CQ Zone 2.

## QSLs Received

BV2B (12 days) UP1BZZ (1/87 160m QSO via bureau)  
YI1BGD FK0AT/FW D44BC OD5AS OD5SM 9Q5KI VK9YS FT8XD  
A71AD XU1SS BY0AA (60 days) XF4DX

## QSL Help Given

- Z22JS's card reads Bill Pluett, Bulwayo, Zimbabwe, and asks for QSLs "via bureau."
- ZK1MB can be QSLed via ZL1AMO.
- 5Z4YV is via JA2AJA.

## Award Information

The 1987 Pan-American Athletic Games special event station W9PAX/W87PAX will be active with four transmitters multi-multi style from 0001Z on August 1 to 2359Z August 23, under the auspices of the Legion of Indianapolis DXers and station W9SU.

All bands, SSB and CW, especially around the following frequencies: 1850, 3850, 7250, 14250, 21300, 28400, 28550, 50110, 144210, and 30 kHz up on CW.

QSLs cards and certificates for working the station are available via P O Box 18495, Indianapolis IN 46218. SASE appreciated.

Operating awards certificates will be issued to all stations submitting a claim for having worked W9PAX/W87PAX on three different bands (any mode), or by working W9PAX/W87PAX once plus three other Indiana stations between August 1-23 (any band or mode), or by working W9PAX/W87PAX once plus one station each from any three of the 38 nations whose athletes are participating in the Games of 87 (any band or mode, no QSLs required.)

## Don Reibhoff K7ZZ Foundation

The ARRL Foundation has established the Don Reibhoff Memorial Fund. More than \$2,000 has already been donated to this fund, which will award an annual scholarship when it reaches \$10,000. DXers wishing to donate to the fund may send their contributions via ARRL Hq in Newington, CT.

ARRL Foundation Director Tom Frenaye K1KI donated the proceeds from his recent ZF2KI operation, The DX Bulletin will donate the proceeds from a forth-coming book on Don's life to the fund. What will you contribute toward this worthy cause?

Speaking of the book about K7ZZ, any photos, anecdotes, stories, exploits, etc., of CT4AT, or any of Don's many Southeast Asia operations should be sent to The DX Bulletin for possible use in the book.



# BANDPASS

Reports Wanted,  
Especially RTTY, 30 meters

## -----RTTY-----

6W6JX 14085 2205 18 CA  
9M2SS 14097 1247 16 CA  
9Q5NW 14085 2318 10 NH  
C31SD 14092 2203 13 CA  
CO2BB 14095 1305 21 CA  
CP8HD 14089 0038 15 CA  
GW2DUR 14084 0654 23 WA  
HI8EL 14096 2036 12 CA  
HK1LDG 14091 1255 12 OH  
HL4IID 14088 1257 16 CA  
IS0MVE 14090 2100 20 MA  
JA1ACB 14083 1128 13 OH  
KH3/ 14086 0410 13 CO  
KL7LF 14082 0615 21 CA  
OD5NG 14081 0645 23 WA  
PZ1BS 14082 1330 22 MA  
TG9VT 14084 2355 14 OH  
TK/ 14092 0107 22 WA

## DL4ZBH

V44KAR 14091 0050 22 WA  
VK9NP 14085 0554 12 CA  
VP2EZ 14085 2355 14 OH  
XX9TDM 14092 1418 19 CA  
YB2BLI 14090 1220 21 MA  
ZP5JCY 14091 2335 14 OH

## -----40 Meters-----

3A2EM 7004 0054 16 MA  
3C1CW 7003 0245 15 MO  
4K1F 7004 0547 24 OR  
4K1LPK 7003 0215 17 GA  
4S7RO 7003 1327 17 CA  
4S7RO \* 7005 1310 21 ID  
5B4GA 7011 0234 18 MA  
7X3AT 7003 2353 16 MA  
A22BW 7001 1407 20 OR  
BY4RN 7002 1258 14 CA  
C21XX 7012 1050 19 MA  
CO2SO 7013 0222 14 GA  
CP6IB 7004 0052 24 FL  
EA6EJ 7001 2334 16 GA  
EA9JS 7007 0158 22 FL  
FK8FF 7019 1001 16 MA  
FK8FN 7004 1017 17 MA  
FM5CW 7011 0048 13 OR  
FR5ES 7006 1333 20 CA  
FY/ 7019 0226 14 GA

## FE6ILL

HI3JEI 7010 0132 21 FL  
HS0C 7004 1402 24 OR  
KH3/WL7E 7005 0850 22 CA  
LU5EVZ 7019 0634 13 CA  
OY9J 7009 0100 24 FL  
UA0ZDN 7010 0944 16 MA  
UO4OR 7005 0216 17 GA  
UV9UWW 7005 1254 14 CA  
VK6HD \* 7004 2336 17 MA  
VS6DT 7000 1335 13 OR  
XE2MRR 7033 0701 13 WA  
XX9TDM 7000 1421 20 OR  
YB19AR 7007 1445 15 OR

## -----20 Meter CW-----

4K1A 14029 1142 13 GA

4S7NE 14031 0151 20 MA  
5W1BB 14031 0041 14 GA  
6Y5AL 14029 1157 16 GA  
9M2FS 14020 0700 10 OR  
A92BE 14161 0155 15 MO  
BV2DA 14004 1254 19 MN  
BV2DA 14003 1536 22 CA  
BV2DA 14002 1506 24 CA  
BY4RB 14025 1247 21 MN  
CU7/KY0T 14015 2159 21 FL  
DU8AX 14014 1120 20 MA  
EA6EJ 14002 2250 22 FL  
EA8ABR 14019 0031 21 FL  
EA9MG 14016 2335 21 FL  
FK0AV 14020 0419 19 OR  
FK8FN 14013 0255 14 MO  
GD0BCJ 14016 2148 19 MN  
HC1GC 14020 1233 25 FL  
HC5AI 14029 1200 13 GA  
HK0BKX 14020 1258 19 MN  
IT9TQH 14005 2050 17 ID  
J39BS 14012 0224 25 FL  
JW/ 14014 0238 15 MO  
SP5EXA 14005 1443 17 OR  
" 14017 1257 19 MN  
JY9WF 14024 2355 20 FL  
KH3/ 14031 0622 13 WA  
KL7LF 14031 0621 21 OR  
OH0/K8MN 14025 0557 13 OR  
OX3KD 14003 0226 25 FL  
PZ1DV 14015 0046 24 FL  
RV0YF 14009 1537 13 OR  
SY1UA 14029 1845 17 MA  
TF/ 14026 2208 20 FL

## DL4HAL

TF3DC 14000 0358 12 MO  
TF3IRA 14020 2350 13 GA  
TF6PS 14010 2316 23 FL  
TG9YV 14043 2318 16 GA  
TI2LK 14010 1154 16 GA  
TR0CW 14006 0020 21 FL  
UA0YM 14001 1521 9 OR  
UA1OT 14021 0130 15 MO  
UA1OT 14015 0310 20 OR  
UA2FY 14031 2128 22 FL  
UD1/ 14009 1517 20 OR  
UW1ZW 14010 2243 20 FL  
UJ8BQ 14015 0152 21 FL  
UJ8XA 14011 1555 14 OR  
UJ9JWA 14030 0328 12 MO  
UL7YAO 14044 1548 14 OR  
UM8MAE 14028 0200 14 MO  
UM8MBA 14014 1545 14 OR  
UP1PAH 14016 1658 20 CA  
UZ2FWZ 14026 0535 14 CA  
VP2MDY 14034 1202 16 GA  
VS6DO 14007 1309 20 WA  
VS6TQ 14020 1551 14 OR  
VU2TS 14005 0130 17 MO  
XX9TDM 14000 1438 17 OR  
YB0DPO 14025 1234 19 OH  
YZ9RA 14037 0506 22 CA

## -----20 Meter SSB-----

I29A 14220 1520 22 OR  
I29B 14226 1454 21 OR  
3C2A 14220 0715 19 IL  
3D2ER 14220 0627 18 IL  
3D2JO 14196 0703 10 OR  
3D2JO 14224 0709 20 MO

3D2JO 14238 0651 24 OR  
4X1AO 14177 0409 21 CA  
4X1FQ 14207 0330 15 CA  
5L2GR 14235 2033 19 NH  
5N8KBM 14160 2137 7 IA  
5W1FT 14220 0411 20 OR  
5W1GF 14220 0334 15 PA  
6W6JX 14160 2238 16 MI  
7X25LS 14160 2202 19 MN  
7X25LS 14182 1951 24 OR  
7X2DS 14186 1956 19 NH  
7X2LS 14226 2018 18 NH  
8P6MZ 14171 0010 22 CA  
8P9GQ 14212 0113 21 CA  
8R1RPN 14149 0350 19 OR  
9K2YA 14243 0422 25 CA  
9M2CW 14178 1302 19 MN  
9N1MM 14178 1448 21 OR  
9Q5NW 14180 2230 10 CA  
9V1WP 14193 1518 13 OR  
A35CR 14205 0420 20 OR  
A35SA 14309 0409 11 IA  
A61AB 14198 0211 25 CA  
A71BJ 14170 0242 14 GA  
A92BE 14161 0200 15 MI  
A92EM 14198 0409 24 OR  
AP2AU 14176 0258 14 MO  
AP2MQ 14186 0149 15 NH  
BY4RB 14031 1240 16 MN  
BY5QA/5 14189 1435 15 OR  
BY5RA/5 14199 1130 13 OH  
C30LEP 14195 2027 19 NH  
C31LBL 14247 2252 16 MI  
CE0GHO 14213 0029 18 NH  
CT3BM 14218 2212 18 MO  
D44BC 14160 1855 24 OR  
DU1KT 14180 1220 18 NH  
DU9RG 14164 1223 15 MN  
EA6BE 14198 0212 19 MO  
EA8AKM 14160 2210 20 CA  
EA9ID 14215 2242 20 CA  
EA9PYL 14172 2135 13 MI  
ET3PG 14198 0420 24 OR  
FO0FB 14240 0344 23 OR  
FY4EE 14160 2300 16 MI  
GI0AIJ 14169 0002 15 MI  
H44AF 14226 0740 10 OR  
H44RO 14309 0302 14 PA  
HK0BKX 14164 0050 14 OH  
HK0HEU 14160 2139 10 IA  
HL1AIC 14196 1524 22 CA  
HS0B 14169 1334 24 OR  
HS0C 14210 1503 24 OR  
HZ1AB 14177 2242 15 NH  
HZ1AB 14181 0240 23 OR  
HZ1FM 14250 0514 24 OR  
J6LB 14154 0101 16 MI  
J6LMV 14210 0200 16 MI  
J79MD 14313 2125 16 PA  
J87CD 14160 2230 20 CA  
JT1BG 14184 0259 15 NH  
JT1BG 14162 1437 24 OR  
JW/ 14203 1228 18 NH

## WA4ZEL

KC6/ 14192 0710 10 OR  
KG6ASO  
KC6HA 14309 0214 22 CA  
KG4GN 14226 2043 19 NH  
KG6JC 14220 0628 24 CA  
KH3/WY5L 14167 0635 20 MO  
KW3Z 14209 2303 24 OR  
Smith Is. (NA-83)  
KX6BA 14209 0319 20 OR  
LX1BI/50 14190 0010 22 CA  
OD5RH 14250 0536 24 OR

OD5VT 14258 2014 18 NH  
OY6FRA 14206 0108 22 OR  
P29FG 14200 1341 24 OR  
PZ1CW 14171 0336 22 OR  
SV0DK 14160 2129 13 MI  
SV1OL 14201 0520 14 CA  
TA1E 14197 0537 24 OR  
TA2KA 14250 0514 24 OR  
TI2TEB 14210 0140 14 MI  
TJ1DK 14158 2030 18 MO  
TK/HB9TL 14191 2205 17 NH  
TR0CW 14160 2205 20 CA  
UA1OT 14171 0010 15 MI  
UA1OT 14165 1233 21 MN  
UH9BWD 14154 0355 25 OR  
UL7QF 14195 0125 14 OH  
UP1BYC 14187 0530 14 CA  
V31AB 14160 2245 20 CA  
VE7FTQ 14160 0220 19 OR  
Gulf Is. (NA-75)  
VK0DS 14196 0426 21 OR  
VK0GC 14220 0300 17 PA  
VK0GC 14235 0345 18 NH  
VK8AV 14220 0403 10 OR  
VK9ND 14160 0806 23 OR  
VK9NS 14220 0430 12 OH  
VP2VEN 14192 0302 11 IA  
VP8BOT 14216 1954 19 NH  
VS6DO 14008 1310 20 MN  
VU2CK 14180 0200 15 MO  
VU2HI 14162 0155 17 MO  
VU2XX 14178 0310 15 MO  
VU2XX 14180 1525 22 CA  
XQ5CFR 14207 1518 22 OR  
XU1SS 14164 1358 23 OR  
YB0ARA 14184 1244 19 MN  
YB3CN 14165 1234 18 MN  
YB6RD 14218 1410 21 OR  
YN3ACZ 14178 0149 10 IA  
YN3ACZ 14224 0130 15 MI  
YS1GMV 14190 2040 18 MO  
YT7NW 14188 0350 25 CA  
ZK2DD 14211 0324 16 MN  
ZK2DD 14174 0611 24 OR  
ZL7AA 14220 0216 18 NH  
ZL8HV 14220 0412 22 OR  
ZP5PX 14198 0150 16 MI  
ZS5NZ 14202 1320 16 CA

## -----15 Meters-----

5H3RB 21025 1703 25 FL  
6W1AJ 21027 2119 21 FL  
7X2FB 21250 1405 18 NH  
8R1RBF 21221 2120 5 OH  
CX6BM 21027 1455 19 FL  
FJ5XC 21005 2120 21 FL  
FM5CT 21028 2148 21 FL  
HK3KRA 21220 2037 19 MO  
HK6ISX 21215 2120 21 CA  
J37BG 21283 2117 21 CA  
OK2KOD 21237 1406 20 MO  
PZ1AV 21023 1648 25 FL  
S92LB 21292 2155 20 CA  
TI2PEB 21309 0005 22 CA  
VK2EHT 21333 0215 17 MO  
VK5ARE 21363 0232 19 MO  
VP2EC 21271 2337 19 NH  
YN3CC 21004 1654 25 FL  
ZK1BD 21263 0400 19 CA  
ZL1BWM 21352 0134 16 MI

## -----6 Meters-----

EI9BG 50120 1910 21 MA  
G0AFH 50093 1955 21 MA  
G4UPS 50092 2304 21 MA  
GU2HML 50093 1948 21 MA  
GW4HXO 50105 1934 21 MA

Key to Bandpass: Callsign, frequency, UTC, day of month, state. \* = long path, P = Packet. All 'portable' calls are listed with country of operation first, regardless of format used on the air.



First Class  
U.S. Postage Paid  
Santa Rosa, CA  
Permit No. 550

## FIRST CLASS MAIL

( ) Start a new subscription effective immediately. ( ) Renew my subscription.  
Subscription rates for fifty (50) issues are:  
\$28 Second-Class Mail to Lower 48 States  
\$35 First-Class Mail  
\$50 Overseas Airmail Overseas subscribers: send U.S. cash, postal money order or check drawn on U.S. bank.  
Charge my MasterCard/  
( ) Check enclosed OR ( ) Visa account #  
Expires  
Signature  
Name  
Address  
City  
State  
Postal Code  
Zip + 4 or Country

## The DX Bulletin

816 Fourth Street, Suite 1001  
Santa Rosa, CA 95404  
U.S.A.

## CALENDAR

Issue 398 - July 31, 1987

(Changes and hot info in boldface.)

Algeria - 7X	7X2LS 20 SSB 01-03Z	I389
Andorra - C3	C33A August 5-31	I384
Bahrain - A9	A92BE 14150+ 02-04Z	I394
Belize - V3	V3DZ 7162 at 0700Z	I398
Brunei - V85	14185-190 11-1400Z	I398
China - BY	BY0CQ Aug. 16-18	I396
Christmas - T32	T32BF 14178 02-04Z	I386
Corsica - TK	HB9TL Jul 15-Aug 8	I391
Crozet - FT8W	FT8WA 14236 0400Z	I389
Easter Is - CE0	CE0GHO YL 14220 23-0200Z weekends	I388
Eq. Guinea - 3C	3C1MB 14245 or 14007 after 2300Z	I391
Fiji - 3D	3D2JO 14220 0500Z	I394
Franz Josef	UA10T 14227 1600Z	I394
Greenland - OX	F6CBH, F6IHH Aug 3-23	I398
Johnston Is - KH3	KL7LF, NH6D 20 0400Z KL7LF/KH3 on RTTY	I394 I395
Juan de Nova FR/J	FR5ES through Aug.	I398
Kermadec - ZL8	ZL8HV 14195 0400Z 14220 at 0400Z	I393 I394
Kerquelen - FT8X	FT8XD 14010 0630Z	I397
Lebanon - OD	OD5SM 20 SSB 02-04Z	I394
Liechtenstein HB0	HB0/YT3AM Aug 14-22	I398
Macquarie - VK0	VK0GC 14309 0300Z VK0ML 10 up CW 06Z	I389 I390
Madeira - CT3	DL4BBO Jul 24-Aug 13	I391
Malagasy - 5R	5R8JD by TU2NP	I393
Market Reef - OJ0	OF0MA Jul 25-Aug 2	I396
Mongolia - JT	JT1BG 14178 1630Z	I394
Nauru - C2	C21XX 7163 06-0700Z C21NI Aug. 11-17	I393 I396
Nepal - 9N	9N1MM 14236 at 0130Z and 0030Z Wed.	I384 I388
	9N1MC 14200 09-1300Z	I385
Oman - A4	A4XKA-C 20 SSB 02Z+	I394
Qatar - A7	A71BK 20 SSB 02-04Z	I389
RASD - S0	August 6-16 New One?	I396
Russians - U/R	Lots 0200, 1500Z	I383
Sao Tome - S9	S92LB 14157 1930Z	I390

Saudi Arabia HZ	HZ1AB 20 SSB 02-03Z	I392
Sri Lanka - 4S	4S7RO, EA 01-02Z or 15-1600Z 14160-180	I388 I395
Svalbard - JW	SP5EXA/JW 20 M CW	I394
Syria - YK	OE8HFL/YK 14215 04Z	I393
Tahiti - FO	FO0FB Jul 18-Aug 4	I396
Taiwan - BV	20 M 14-1500Z	I394
Thailand - HS	HS0A in contests, HS0B weekends	I371
Tristan Chuna	ZD9BV 21265 1700Z	I397
Tunisia - 3V	3V8RFA Oct 17-27	I394
United Arab Em	A61AB 14243 1500Z 14250 0400Z net	I387 I390
	14226 at 2130Z	I393
Zaire - 9Q	9Q5NW 14175 1900Z	I392
Zone 23	BY0AA 14014 0030-0130	

### DX Activities and Contests

Date	Event or Activity	Info
Aug. 8-9	Worked All Europe CW	CQ
Aug. 15-16	SARTG RTTY Contest	CQ
Aug. 15-16	SEANET SSB Contest	CQ
Aug. 22-23	Worked All Asia CW	CQ
Oct. 10-11	DXPO 87 Atlanta GA	WB4ZNH
Oct. 10	New England DXCC	W1EED

### Contributors

This Issue of The DX Bulletin would not have been possible without the invaluable assistance of the following:  
N4XX, KH6BZF, W6TFO, W4VQ, NCDXC, K0CVD, NW6P, KW0A, WB8SFF, LNDX, K4BAI, WA7EGA, KA7T, WK6E, WW6D, N6JM, KD7SO, AB8K, KM9J, W0BA, Japan DX News, K8NN, W7LR, KA8JZR, W1CYB, WA6FIT, W1MK, YU3BQ, W7NEJ, NY4A, K0IIR, W3HCW, ND3A, W9SU, K1KI, K3ZO, K9AJ, WA6POZ, KE4I, YV5IAC, YB0DPO, DL7FT, ZS6ME, W1JR, W2BXC, W1WY, KJ4GK, W1AX, F6CBH, WC4B, W1LQQ, W0IZ, AND LA1EE. Many Thanks!